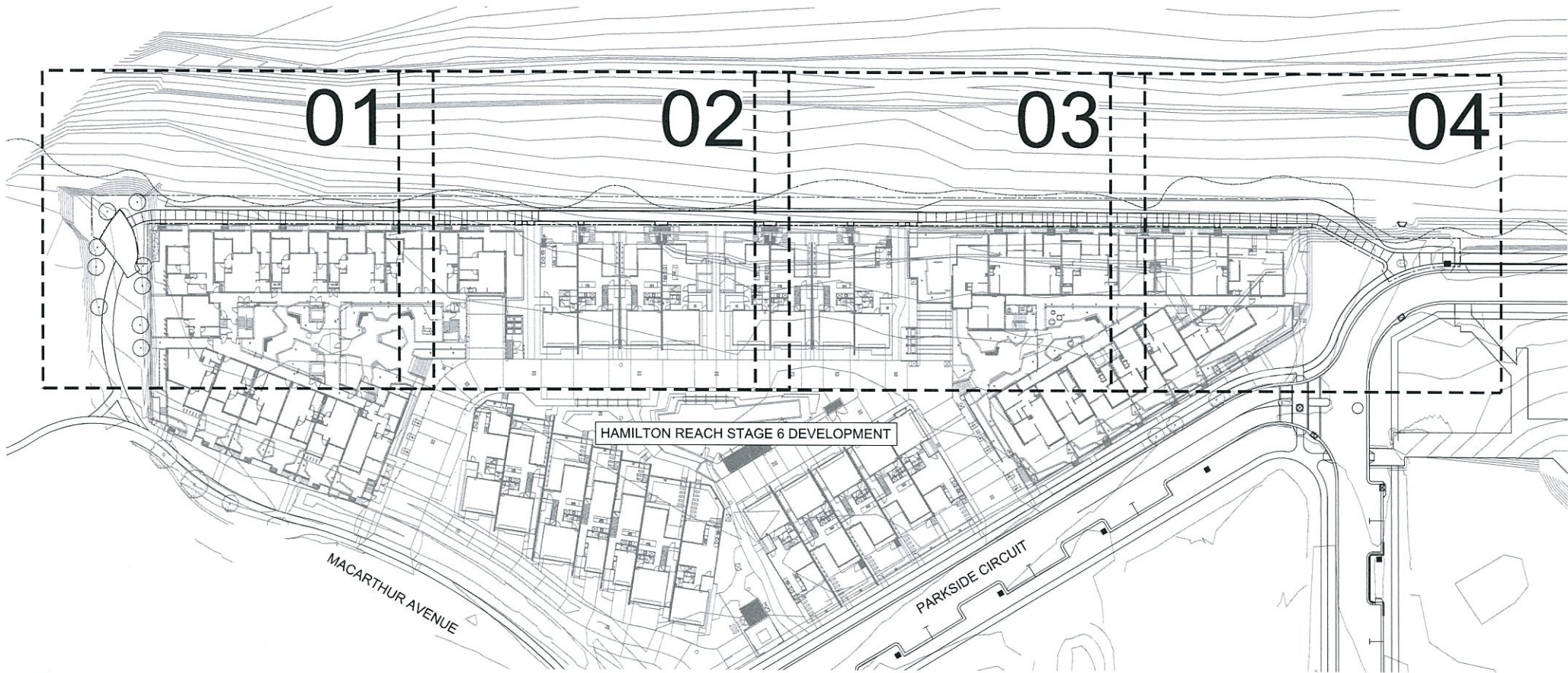


NORTH SHORE HAMILTON

MANGROVE WALK

LANDSCAPE WORKS - GENERAL ARRANGEMENT PLANS



01 SHEET SETOUT PLAN
1:500 @ A1

DRAWING SCHEDULE

L_NSH_MW_GA_0001	COVER SHEET
L_NSH_MW_GA_0002	LEGEND & PLANT SCHEDULE
L_NSH_MW_GA_0003	LANDSCAPE PLAN 01
L_NSH_MW_GA_0004	LANDSCAPE PLAN 02
L_NSH_MW_GA_0005	LANDSCAPE PLAN 03
L_NSH_MW_GA_0006	LANDSCAPE PLAN 04
L_NSH_MW_GA_0007	TYPICAL SECTIONS (ISSUED FOR INFORMATION ONLY)

BCC UMS DETAILS

- UMS 232 [F] CONCRETE FOOTPATH FULL WIDTH
- UMS 233 [A] CONCRETE FOOTPATH WIDTH REQUIREMENTS
- UMS 547 [A] CONCRETE PAVEMENT JOINT DETAILS & SERVICE PIT LIDS
- UMS 743 [A] PATHS & PAVEMENT AREA - CONCRETE & EXPOSED AGGREGATE
- UMS 791 [A] PLANTING TREE & SHRUB
- UMS 792 [A] PLANTING BED PREPARATION
- UMS 794 [A] GARDEN EDGING

REV	DESCRIPTION	DATE
A	FOR TENDER	12.03.14

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SCOPE OF WORKS

THE LANDSCAPE WORKS PACKAGE AS DESCRIBED WITHIN THE LAT27 DOCUMENTATION INCLUDES THE SOFTSCAPE PLANTING WORKS, CONCRETE PAVEMENTS AND GARDEN EDGES ASSOCIATED WITH THE PROPOSED NEW PEDESTRIAN CONNECTION.

ASSOCIATE WORKS

- REFER CIVIL ENGINEER DRAWING PACKAGE FOR ALL EARTHWORKS, REVETMENT WALL EDGES AND DETAILS AND FINISHED SURFACE LEVELS.
- REFER ELECTRICAL ENGINEERS DRAWINGS FOR ALL PROPOSED PEDESTRIAN LEVEL LIGHTING.
- REFER BUILDER'S D+C DRAWING PACKAGE FOR ALL WORKS ASSOCIATED WITH THE ELEVATED STRUCTURE (BOARDWALK) HANDRAILS AND CONNECTIONS FROM BOARDWALK TO THE ADJOINING RESIDENTIAL DEVELOPMENT TO THE SOUTH.

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

-2 JUN 2014

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CLIENT
ECONOMIC DEVELOPMENT
QUEENSLAND

PROJECT TITLE
NORTH SHORE HAMILTON
MANGROVE WALK

DRAWING TITLE
GENERAL ARRANGEMENT
COVER SHEET

SCALE BAR
0m 5.0m 10.0m 15.0m 20.0m 25.0m
SCALE 1:500 @ A1

PROJECT No. 12104.01	SCALE 1:500	
DRAWN BY GH	VERIFIER NW	
DRAWING No. L_NSH_MW_GA_0001	REVISION A	

SURFACE FINISHES & FURNITURE

EXISTING PATHWAY
- TO BE RETAINED AND PROTECTED

PAVING TYPE 1
- INSITU WATER WASHED EXPOSED CONCRETE
- WIDTH: NOM. 1800mm
- AGGREGATE: OYSTER RED
- COLOUR: CCS COLOUR 'DESERT BUFF'
- FINISH: WATER WASHED LIGHT EXPOSURE 25%
- SUPPLIER: HANSON OR EQUAL
- CONTACT: KERRYIN GRAHAM PH. (07) 3017 2835
- REFER LANDSCAPE SPEC.
- REFER TO BCC STANDARD DETAIL UMS 232, UMS 233, UMS 547 & UMS 743

PAVING TYPE 3
- ROCK TO BATTER FACE
- REFER TO CIVIL ENGINEER'S DRAWINGS FOR DETAIL

PAVING TYPE 4
- ELEVATED BOARDWALK
- REFER TO CIVIL ENGINEER'S DRAWINGS FOR DETAIL

HANDRAIL TYPE 1
- REFER TO CIVIL ENGINEER'S DRAWINGS FOR DETAIL

CONCRETE EDGE
- REFER TO BCC STANDARD DETAIL UMS 794

FINISHED LEVEL
- PROPOSED FINISHED SURFACE LEVEL OF ADJOINING PROPOSED RESIDENTIAL DEVELOPMENT. NOTE LEVELS ARE ACCURATE AS OF INFORMATION RECEIVED SEPTEMBER 2013. BOARDWALK CONTRACTOR TO LIAISE WITH ADJOINING DEVELOPMENT TO ENSURE ADJOINING SURFACES MEET LEVEL & TRUE.

PLANTING

PLANTING AREA 1
- REFER TO BCC STANDARD DETAIL UMS 791 & UMS 792
- MULCH TYPE: 1 INCH HOOP PINE
- REFER TO PLANT SCHEDULE FOR DETAIL

TURF AREA 1
- TURF PLACED ON MINIMUM 100mm IMPORTED TOPSOIL
- CULTIVATION OF SUBGRADE TO A DEPTH OF 200mm
- TURF TO FINISH FLUSH WITH ADJACENT HARD SURFACES
- TURF SPECIES: 'A' GRADE COUCH
- REFER LANDSCAPE SPEC.

EXTENT OF MANGROVE REMOVAL
- DASHED LINE INDICATES EXTENT OF EXISTING MANGROVE THAT WILL REQUIRE REMOVAL OR PRUNING. PRIOR TO COMMENCEMENT OF WORK, BCC REPRESENTATIVES ARE TO VISIT THE SITE AND APPROVED THE SCOPE OF WORKS REQUIRED

EDGE OF EXISTING MANGROVES
- TO BE RETAINED AND PROTECTED

PROPOSED TREE
- REFER TO BCC STANDARD DETAIL UMS 791
- REFER TO PLANT SCHEDULE FOR DETAIL

EXISTING TREE
- LOCATIONS BASED ON AS BUILT PLANS PROVIDED BY EDQ TO LAT27

GENERAL

EXTENT OF LANDSCAPE WORKS/STAGE BOUNDARY

PAGE ADJOINS

ELECTRICAL

EXSITING RATE 3 STREET LIGHT
- REFER ELEC. ENG. DWG PACKAGE
- CONTRACTOR TO VERIFY LOCATION OF EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS

PROPOSED RATE 3 STREET LIGHT
- REFER ELEC. ENG. DWG PACKAGE

NORTH SHORE HAMILTON - MANGROVE WALK
PLANT SCHEDULE

NOTE:
THE FOLLOWING TREE SPECIES ARE IDENTIFIED ON PLANS.
THE FOLLOWING GRASS & GROUND COVER SPECIES ARE TO BE PLANTED WITHIN ALL AREAS NOTED ON PLANS AS PA1, IN A RANDOM ARRANGEMENT

CODE	SPECIES	COMMON NAME	MATURE HEIGHT	DENSITY / MIX %	POT SIZE	HEIGHT X SPREAD @ INSTALL	CLEAR TRUNK	STAKE or GUY	COUNT	GARDEN BED COVERAGE
Trees										
CUP ana	Cupaniopsis anacardioides	Tuckeroo	8-15m	as shown	100L	2.5m (H) X 1.0m (W)	1.0m	Y	3	
Grasses & Groundcovers - 150m2										
CAR app	Carex appressa	Tall Sedge	800mm	6/m²	140mm	N/A	N/A		180	20%
CAR bro	Carpobrotus glaucescens	Native Pig Face	50mm	6/m2	140mm	N/A	N/A		135	15%
CRI ped	Crinum pedunculatum	Swamp Lily	1m	2/m2	140mm	N/A	N/A		15	5%
LOM con	Lomandra confertifolia 'dwarf'	Dwarf Lomandra	500mm	6/m2	140mm	N/A	N/A		180	20%
LOM lon	Lomandra longifolia	Matrush	1m	4/m²	140mm	N/A	N/A		180	30%
MYO ell	Myoporum ellipticum	Coastal Myoporum	50mm	8/m²	140mm	N/A	N/A		120	10%

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QUEENSLAND

PROJECT TITLE

NORTH SHORE HAMILTON
MANGROVE WALK

DRAWING TITLE

GENERAL ARRANGEMENT
LEGEND & PLANT SCHEDULE

SCALE BAR

PROJECT No. 12104.01	SCALE	
DRAWN BY GH	VERIFIER NW	
DRAWING No. L_NSH_MW_GA_0002	REVISION A	

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QUEENSLAND

PROJECT TITLE

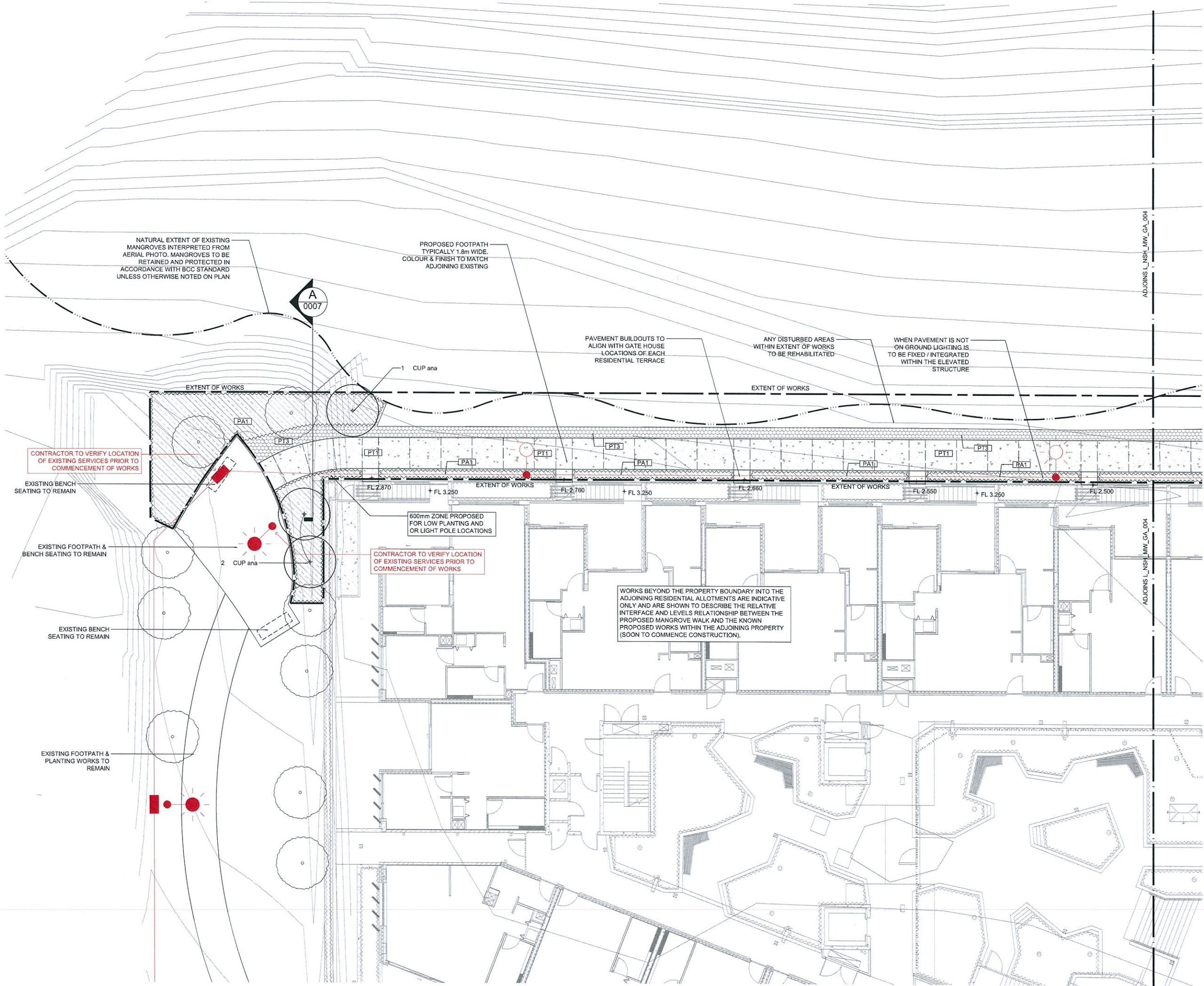
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MANGROVE WALK

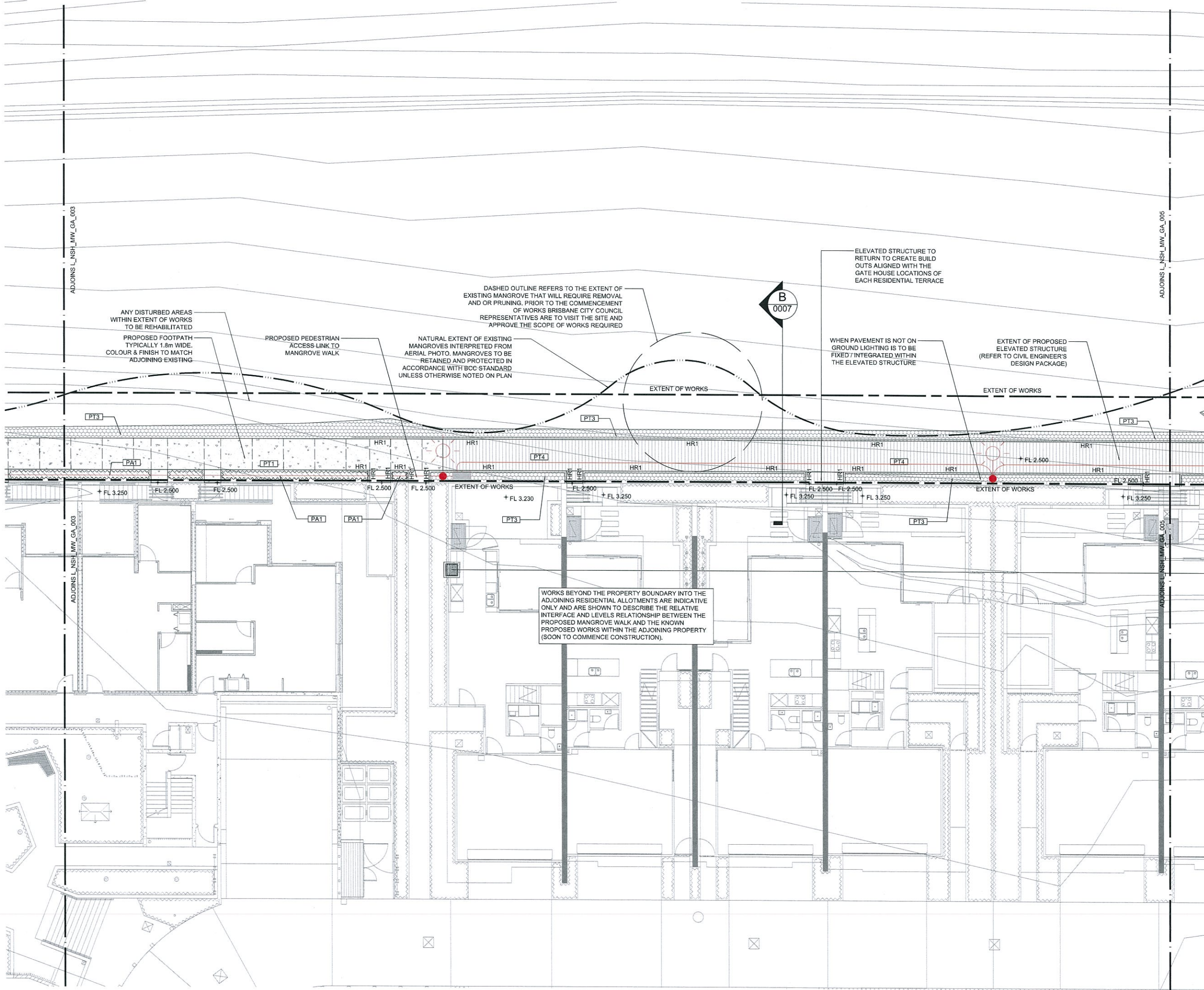
DRAWING TITLE

GENERAL ARRANGEMENT
LANDSCAPE PLAN 01



PROJECT No. 12104.01	SCALE 1:100	
DRAWN BY GH	VERIFIER NW	
DRAWING No. L_NSH MW GA_0003		REVISION A





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01	02	03	04
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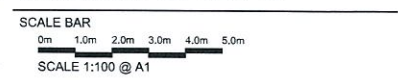
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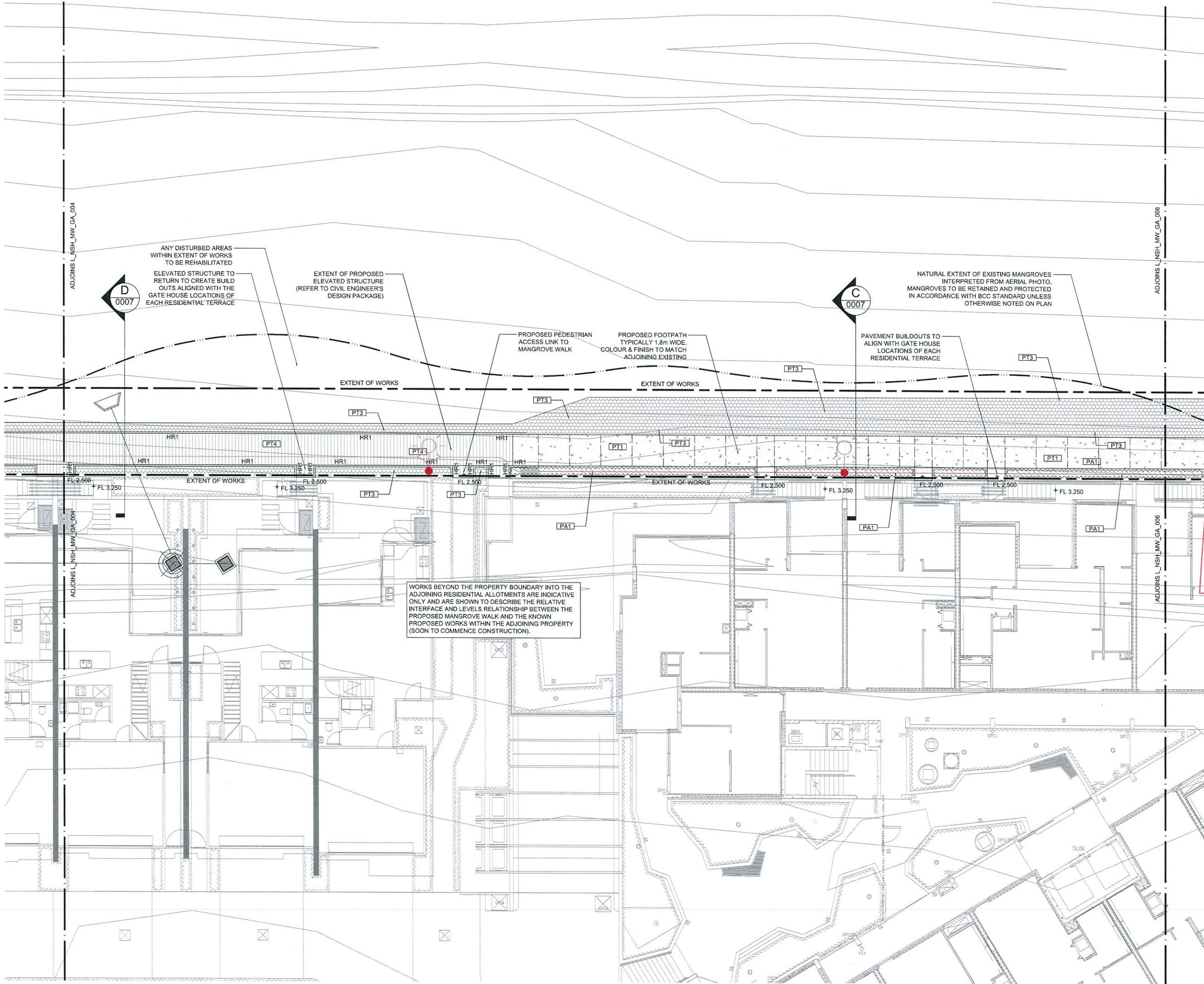
CLIENT
**ECONOMIC DEVELOPMENT
QUEENSLAND**

PROJECT TITLE
**NORTH SHORE HAMILTON
MANGROVE WALK**

DRAWING TITLE
**GENERAL ARRANGEMENT
LANDSCAPE PLAN 02**



PROJECT No. 12104.01	SCALE 1:100	
DRAWN BY GH	VERIFIER NW	
DRAWING No. L_NSH_MW_GA_0004	REVISION A	



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01	02	03	04
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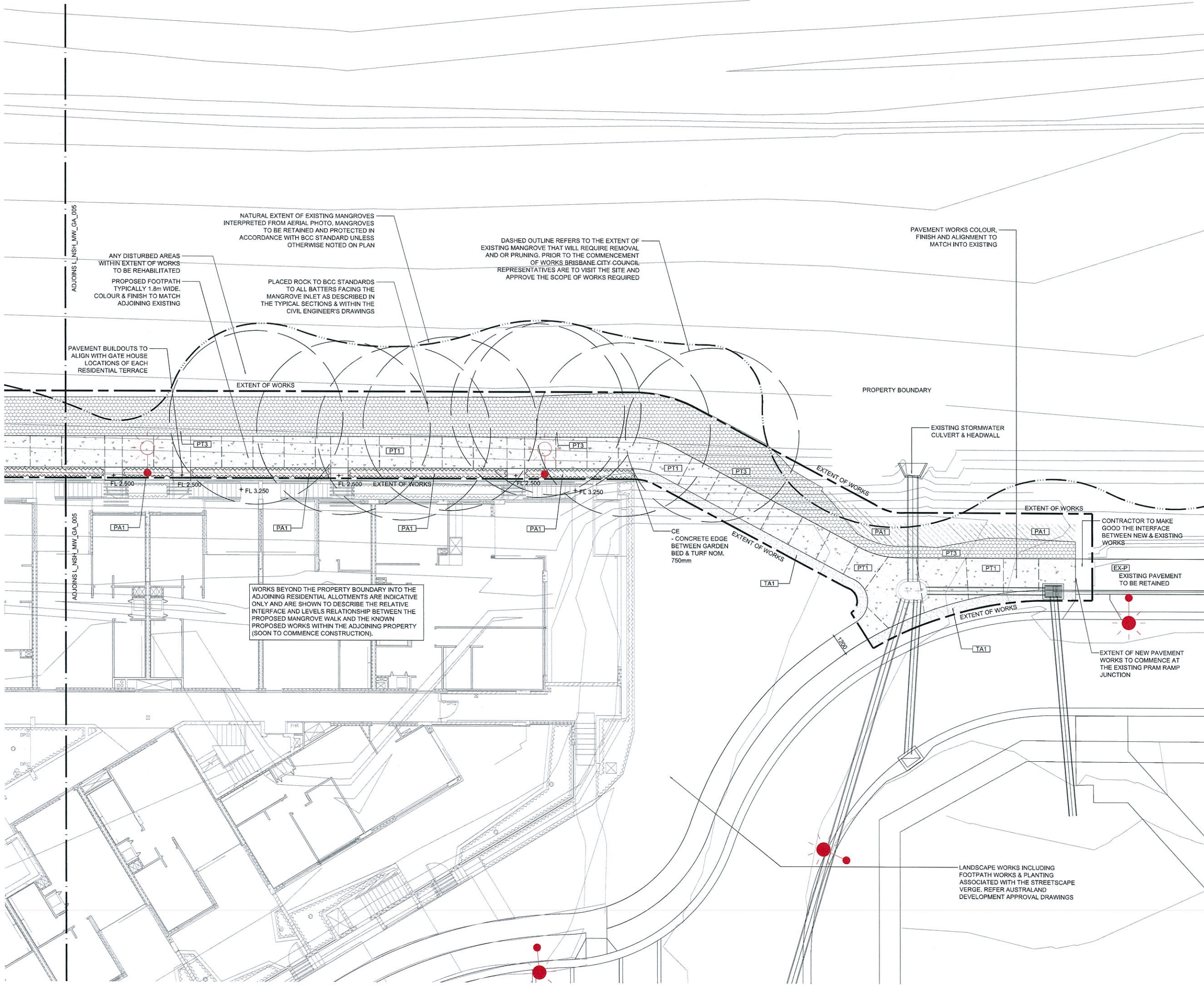
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ECONOMIC DEVELOPMENT
QUEENSLAND

PROJECT TITLE
NORTH SHORE HAMILTON
MANGROVE WALK

DRAWING TITLE
GENERAL ARRANGEMENT
LANDSCAPE PLAN 03

SCALE BAR
0m 1.0m 2.0m 3.0m 4.0m 5.0m
SCALE 1:100 @ A1

PROJECT No. 12104.01	SCALE 1:100	
DRAWN BY GH	VERIFIER NW	
DRAWING No. L_NSH_MW_GA_0005	REVISION A	



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01	02	03	04
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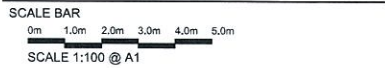
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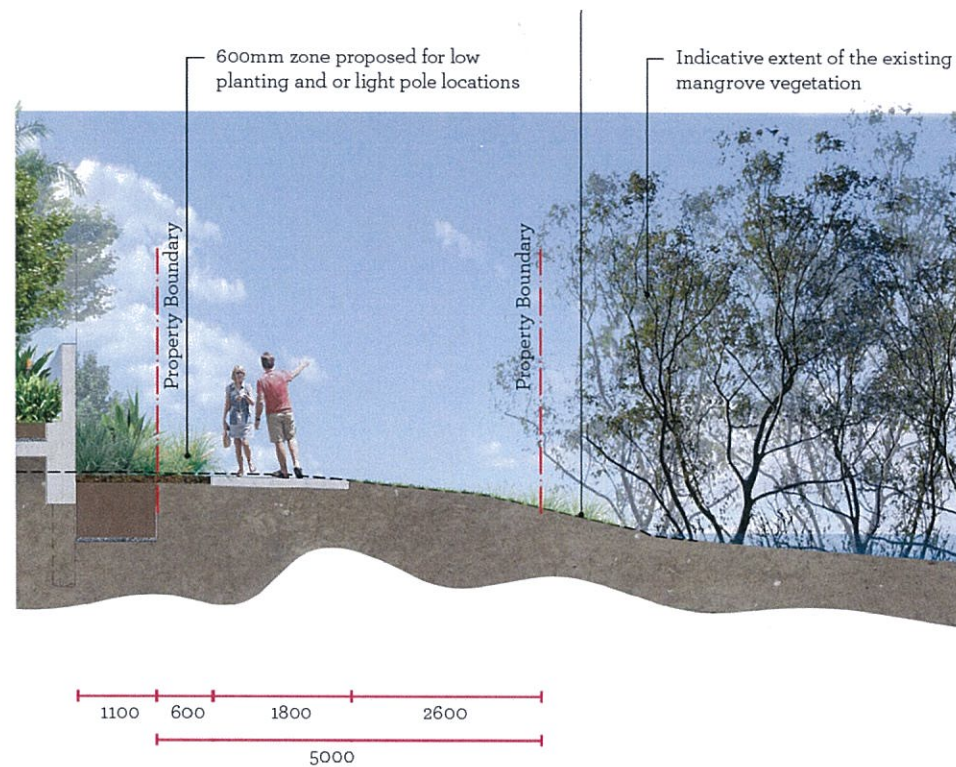
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QUEENSLAND

PROJECT TITLE
NORTH SHORE HAMILTON
MANGROVE WALK

DRAWING TITLE
GENERAL ARRANGEMENT
LANDSCAPE PLAN 04

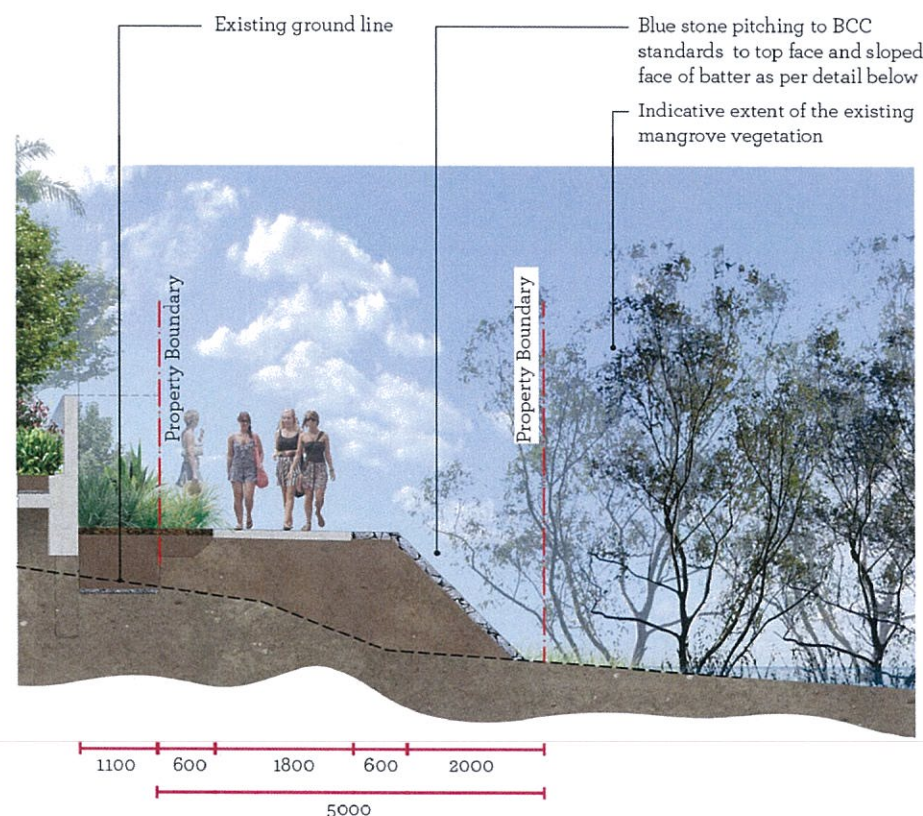


PROJECT No. 12104.01	SCALE 1:100	
DRAWN BY GH	VERIFIER NW	
DRAWING No. L_NSH_MW_GA_0006	REVISION A	

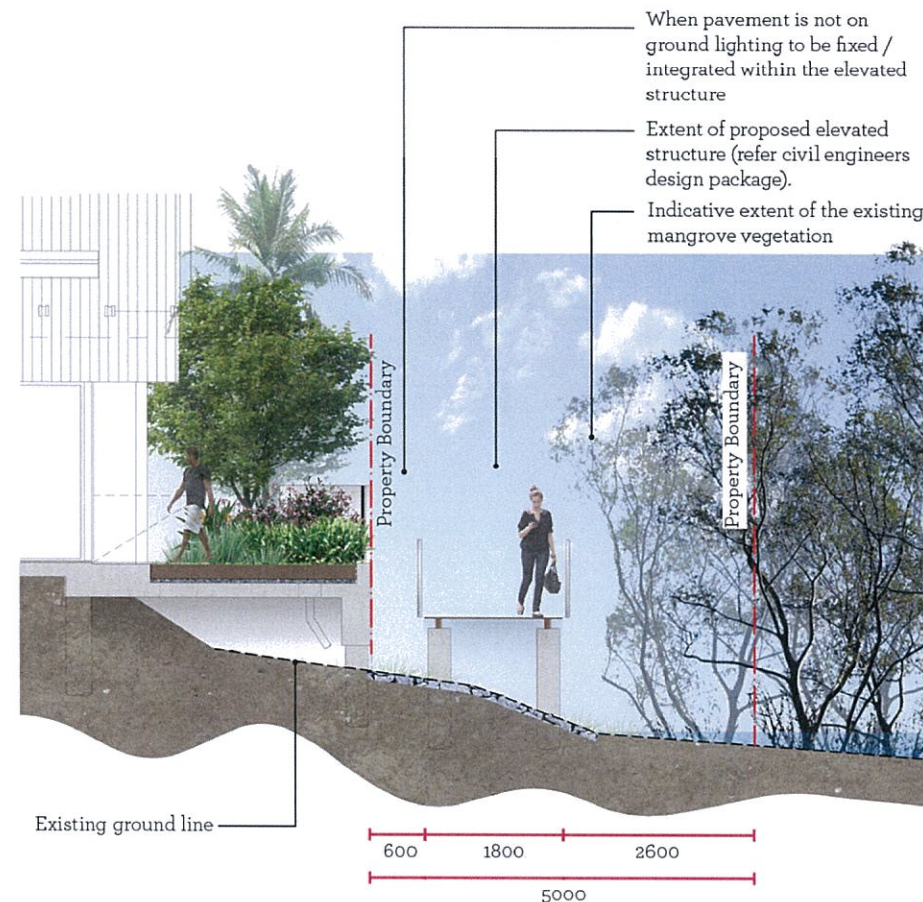


01 TYPICAL SECTION A
1:50 @ A1

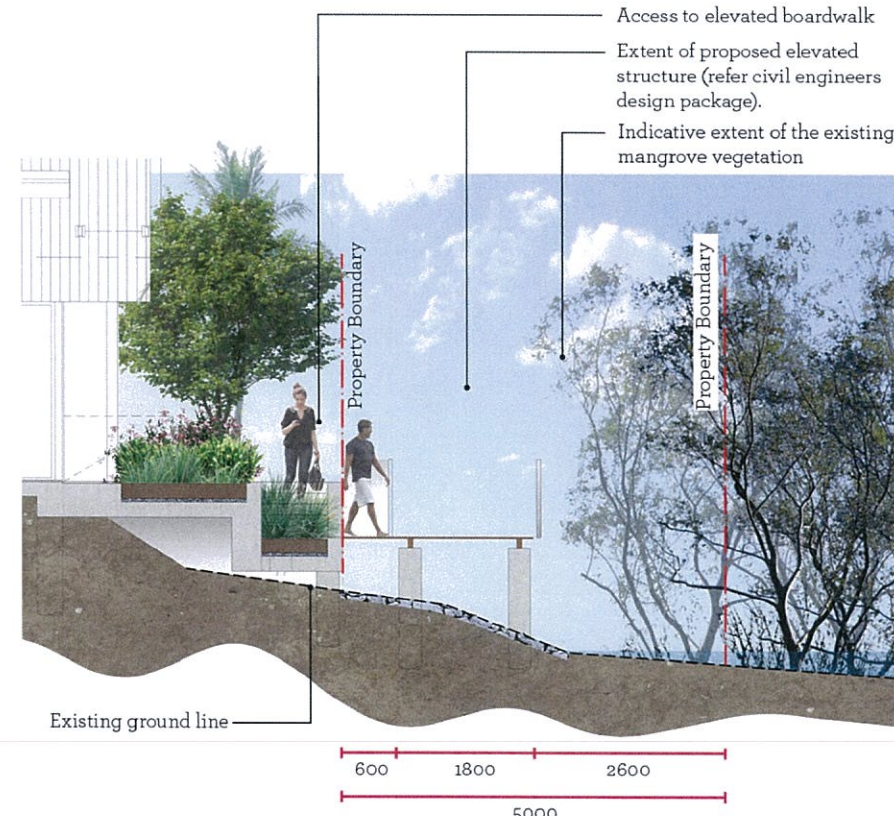
Note: Works beyond the property boundary into the adjoining residential allotments are indicative only and are shown to describe the relative interface and levels relationship between the proposed mangrove walk and the known proposed works within the adjoining property. (soon to commence construction)



03 TYPICAL SECTION C
1:50 @ A1



02 TYPICAL SECTION B.
1:50 @ A1



04 TYPICAL SECTION D
1:50 @ A1

REV	DESCRIPTION	DATE
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2. FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED.
3. CHECK ALL DIMENSIONS ON SITE PRIOR TO COMMENCEMENT OF WORK.
4. ALL NECESSARY CARE IS TO BE TAKEN BY THE CONTRACTOR TO ENSURE FIRE ANTS DO NOT ENTER THE SITE VIA EQUIPMENT, MATERIALS AND PLANT SUPPLY. IMPLEMENTATION OF A DPI APPROVED MANAGEMENT PLAN SHOULD BE ALLOWED FOR IF REQUIRED.
5. ALL PLANT STOCK & MULCH SUPPLIED TO SITE SHOULD BE FREE FROM MYRTLE RUST AS PER QLD LEGISLATION. IF INFECTION IS SUSPECTED CONTACT BIOSECURITY QUEENSLAND ON 13 25 23 OR ONLINE AT [HTTP://WWW.DAFF.QLD.GOV.AU/4790_25942.HTM](http://www.daff.qld.gov.au/4790_25942.htm) AND FOLLOW ALL DIRECTIONS AS REQUIRED.

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NOTE: THE PURPOSE OF THE PROVIDED SECTIONS IS TO ILLUSTRATE DESIGN INTENT TO ASSIST DESIGN & CONSTRUCT CONTRACT SCOPE AND BUDGET. REFER ENGINEER'S DRAWINGS FOR EARTHWORKS, GROUND CONDITIONS, COMPACTION SPECIFICATION, CONCRETE SPECIFICATION, REINFORCING AND ELEVATED STRUCTURE CONSTRUCTION

PLANS AND DOCUMENTS
referred to in the PDA APPROVAL

-2 JUN 2014

MEDQ

NOT FOR CONSTRUCTION

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Newstead, Qld 4006
www.lat27.com.au

CLIENT
ECONOMIC DEVELOPMENT
QUEENSLAND

PROJECT TITLE
NORTH SHORE HAMILTON
MANGROVE WALK

DRAWING TITLE
GENERAL ARRANGEMENT
TYPICAL SECTIONS

SCALE BAR
0m 0.5m 1.0m 1.5m 2.0m 2.5m
SCALE 1:50 @ A1

PROJECT No. 12104.01	SCALE 1:50	
DRAWN BY GH	VERIFIER NW	
DRAWING No. L_NSH_MW_GA_0007	REVISION A	